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10/611,558	07/01/2003	Daniel V. Zilavy	200208005-1	2291

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

TECKLU, ISAAC TUKU

ART UNIT	PAPER NUMBER
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2192

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11/28/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/611,558

Applicant(s)

ZILAVY, DANIEL V.

Examiner

ISAAC T. TECKLU

Art Unit

2192

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 and 42-66 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 and 42-66 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/S508)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 30-41 have been cancelled.
2. Claims 1-29 and 42-66 have been reexamined.

Continued Examination Under 37 CFR 1.114

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/04/08 has been entered.

Response to Arguments

4. Applicant's arguments filed 07/01/2008 have been fully considered but they are not persuasive.

Applicant asserted, "there is only one device or FPU in the computer of Sprecher. Thus, Sprecher does not compare one FPU to another to determine their compatibility, wherein both are in a computer system" (page 17).

It appears Applicant has failed to appreciate the "teachings" of Sprecher and all that is inherent therein. Applicant repeatedly argues that Sprecher only discloses one device or FPU in the computer. The examiner disagrees and indicates relevant citation associated to the above argument (see above). Furthermore, Sprecher clearly teaches new Software Component 44 of

FIG. 3 as the first type to be added to the industrial control system 11 of FIG. 3 and Software Resource 42 of FIG. 3 as the second type (see at least col.5:25-45). The second FPU code as Software Resource VD40.DRV, version 5.0, which is upward compatible with earlier VD40.DRV such as versions 2.5-4.1, col.3: 37-49. See table below.

TYPE	IDENTIFIER	VERSION	COMPATIBILITY	OWNERSHIP
<WW.DRV.COM>	VD40.DRV	4.1	2-5-4.0	APP.3

In addition to the above, Sprecher clearly discloses the comparison between one FPU to another to determine compatibility in a computer system in the following columns:

"The method may include a step of determining upward compatibility between different version numbers of resources of a given type where upward compatibility means that the resource of a later version number fully supports the features of a resource with an earlier version number. This information about compatibility may be linked to the resources. When a missing resource is a resource having a type identical with a corresponding resource in the target industrial control device, but a later version number, the method may replace the corresponding resource with the missing resource only when the missing resource is upwardly compatible with the corresponding resource" (col.3:40-50, emphasis added).

"Similarly, each new software resource 42 to be loaded (for example as required by a new software components 44) must previously have been linked to a compatibility list 48 which like the required resource list 46 provides a unique identifier for the software resource 42 (such as a file name), a version number and an indication of the compatibility of that particular resource with then pre-existing versions of that software resource 42. Thus, for example, a version 2.0 of a software resource 42 may indicate that it is upwardly compatible with resource 1.1 and but not upwardly compatible with resource 1. "Compatible" means that version 2.0 will provide all the functions (and perhaps more) than versions 1.1 and on, but may omit some functions of version 1.0. "Upwardly" means the reverse is not necessarily true, that version 1.1 will not provide all the functions of version 2.0" (col.5:1-65, emphasis added).

"At decision block 82, where the resource has been found, it is checked to see whether there is a pre-existing resource of the same type already enrolled with the operating system 34 as indicated by the available resource table 54. Because at process block 52, the available resource table 54 has already been checked, such a duplication can only occur if a different version

number of the resource is in existence. If so, then at decision block 84, its compatibility is checked" (col.8:1-10, emphasis added).

Accordingly, per the plain language of the claims, Sprecher indeed teaches all claimed limitations. Thus it is respectfully submitted that the above argument is not persuasive and the rejection has been maintained as set forth in the Office Action.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-29 and 42-66 are rejected under 35 U.S.C. 102(e) as being anticipated by Sprecher et al. (US 6,948,059 B1), hereinafter Sprecher.

Per claim 1 (Currently amended), Sprecher discloses in a computer system including a first field-programmable unit (FPU) of a first type, the first FPU including first field-programmable unit code, a second FPU of second type including a second FPU code (see at least col.3:40-50, col.5:1-65, col.8:1-10 and col.5:25-45 and e.g. FIG. 4, and col.6:20-67, Available Resource Table 54 and related text), a computer-implemented method comprising steps of:

(A) determining whether the first FPU and first FPU code are compatible with ~~[[a]] the second FPU and second FPU code in the computer system, wherein the second FPU includes the second FPU code, and wherein the second FPU is of a second type that differs from the first type; (e.g. FIG. 3, Software Resource 42 as the second type; Software Resource 42 is different from the first type as the new software component 44 and e.g. FIG. 5, step 52 – “Review available component table” – and related text, e.g. col.5: 25-35, 30-45 and col. 7: 5-12); and~~

(B) if the first FPU and first FPU code are determined not to be compatible with the second FPU and second FPU code, notifying a user of the computer system of the incompatibility (e.g. FIG. 5, steps 72 and 92 – “Search” and “Update available component table” – and related text col. 7:40-50 “... user is given information as to the type, identifier and version number of the desired ...” see also col.7:20-68, block 66 Hit? No, block 72 Search,... block 84 Compatible? No... Done and related text).

Per claim 2 (Currently Amended), Sprecher discloses the method of claim 1, wherein the computer system further comprises a plurality of field-programmable units including a corresponding plurality of FPU codes (e.g. FIG. 5 and related text), and wherein the step (A) comprises a step of:

(A) (1) determining whether the first FPU code is compatible with at least one of the plurality of FPU codes (e.g. FIG. 5, steps 80-86 and col.7:20-67, block 66 Hit? NO, block 72 Search, block 84 Compatible? NO, block 76 Done? NO, block 72 continue Search and related text).

Per claim 3, Sprecher discloses the method of claim 2, wherein the computer system further comprises a plurality of field-replaceable units, and wherein the step (A) further comprises a step of:

(A) (2) determining whether the first FPU code is compatible with the plurality of field-replaceable units (e.g. FIG. 5, step 84 and related text).

Per claim 4, Sprecher discloses the method of claim 2, wherein the computer system further comprises a revision compatibility descriptor identifying a plurality of compatible combinations of field-programmable unit codes (e.g. FIG. 3 and related text), and wherein the step (A)(1) comprises a step of determining that the first FPU code is compatible with the plurality of FPU codes if a combination of the first FPU code (e.g. FIG. 5, steps 80-86 and related text) and the plurality of FPU codes is among the plurality of compatible combinations of field-programmable unit codes identified by the revision compatibility descriptor (col. 5:19-31 "... component ... resource...").

Per claim 5, Sprecher discloses the method of claim 2, wherein the computer system further comprises a plurality of field-replaceable units and a revision compatibility descriptor identifying a plurality of compatible combinations of field-programmable unit codes and field-replaceable units (e.g. FIG. 3 and related text), and wherein the step (A) comprises a step of determining that the first FPU code is compatible with the computer system if a combination of the first FPU code, the plurality of FPU codes (e.g. FIG. 5, steps 80-86 and related text), and the plurality of field-replaceable units is among the plurality of combination combinations of field-programmable unit codes and field-replaceable units identified by the revision compatibility descriptor (e.g. FIG. 2, items 46 and 48 –"resource list" and "compatibility list" and col. 5:19-31 "... component ... resource...").

Per claim 6, Sprecher discloses the method of claim 1, wherein the first field-programmable unit comprises a field-replaceable unit (e.g. FIG. 2, items 46 and 48 –"resource list" and "compatibility list" and col. 5:19-31 "... component ... resource...").

Per claim 7, Sprecher discloses the method of claim 1, wherein the step (A) is performed in response to installation of the first field-programmable unit in the computer system (e.g. FIG. 5, step 70 – "load application" – and related text, and col. 7:13-18 and col. 8:39-44).

Per claim 8, Sprecher discloses the method of claim 1, wherein the step (B) comprises a step of:

(B) (1) providing the user with information descriptive of third FPU code that is suitable for storage in the first field-programmable unit and that is compatible with the second FPU code (col. 7:40-50 “... user is given information as to the type, identifier and version number of the desired ...”).

Per claim 9, Sprecher discloses the method of claim 8, wherein the step (A) is performed in response to replacement of a third field-programmable unit with the first field-programmable unit, and wherein the third field-programmable unit includes the third FPU code (col. 3:33-38 “... replacement of resources and upgrading of those resources ...”).

Per claim 10, Sprecher discloses the method of claim 8, and wherein the step (B)(1) comprises steps of:

(B) (1) (a) identifying a compatible combination of field-programmable unit codes previously installed in the computer system (e.g. FIG. 5, step 52 – “Review available component table” – and related text, e.g. col. 7: 5-12);

(B) (1) (b) identifying, in the identified combination of previously-installed field-programmable unit codes, an identifier of FPU code suitable for installation in the first field-programmable unit (col. 3:33-38 “... previously installed ...”); and

(B) (1) (c) providing the user with information descriptive of the FPU code identified by the identifier (col. 7:40-50 “... user is given information as to the type, identifier and version number of the desired ...”).

Per claim 11, Sprecher discloses the method of claim 8, wherein the computer system further comprises a plurality of FPU's including a corresponding plurality of FPU codes, and a revision compatibility descriptor identifying a plurality of combinations of compatible field-programmable unit codes, and wherein the step (B)(1) comprises steps of:

(B) (1) (a) identifying, in the revision compatibility descriptor, a record describing the plurality of FPU codes (e.g. FIG. 5, step 52 – “Review available component table” – and related text, e.g. col. 7: 5-12);

(B) (1) (b) identifying, in the identified record, a code identifier identifying FPU code suitable for use in the first field-programmable unit (e.g. FIG. 3, element 37-42 and related text); and

(B) (1) (c) providing the user with information descriptive of the FPU code identified by the code identifier (col. 7:40-50 "... user is given information as to the type, identifier and version number of the desired ...").

Per claim 12 (currently amended), this is the apparatus version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 13, this is the apparatus version of the claimed method discussed above (Claim 2), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 14, this is the apparatus version of the claimed method discussed above (Claim 3), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 15, this is the apparatus version of the claimed method discussed above (Claim 4), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 16, this is the apparatus version of the claimed method discussed above (Claim 5), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 17, this is the apparatus version of the claimed method discussed above (Claim 7), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 18, this is the storage version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 19, this is the storage version of the claimed method discussed above (Claim 2), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 20, this is the storage version of the claimed method discussed above (Claim 3), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 21, this is the storage version of the claimed method discussed above (Claim 4), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 22, this is the storage version of the claimed method discussed above (Claim 5), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 23, this is the storage version of the claimed method discussed above (Claim 6), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 24, this is another system version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 25, this is another system version of the claimed method discussed above (Claim 2), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 26, this is another system version of the claimed method discussed above (Claim 3), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 27, this is another system version of the claimed method discussed above (Claim 4), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 28, this is another system version of the claimed method discussed above (Claim 5), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 29, this is another system version of the claimed method discussed above (Claim 6), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 42, this is system version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 43, this is system version of the claimed method discussed above (Claim 2), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 44, this is system version of the claimed method discussed above (Claim 3), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 45 (currently amended), Sprecher discloses in a computer system including a first field-programmable unit (FPU) of a first type, the first FPU including first FPU code (e.g. FIG. 10B and related text), a computer-implemented method comprising steps of:

(A) determining whether the first FPU and first FPU code are compatible with a second FPU and second FPU code wherein both first FPU and the second FPU are (see at least col.3:40-50, col.5:1-65, col.8:1-10 and col.5:25-45 and e.g. FIG. 4, and col.6:20-67, Available Resource Table 54 and related text) in the computer system, wherein the second FPU includes the second FPU code, and wherein the second FPU is of a second type that differs from the first type; (e.g. FIG. 3, Software Resource 42 as the second type; Software Resource 42 is different from the first type as the new software component 44 and e.g. FIG. 5, step 52 – “Review available component table” – and related text, e.g. col.5: 25-35, 30-45 and col. 7: 5-12);

(B) if the first FPU and first FPU code are determined not to be compatible with the second FPU and second FPU code, identifying third FPU code that is compatible with the and suitable for installation in the first field-programmable unit (e.g. FIG. 5, steps 72 and 92 – “Search” and “Update available component table” – and related text col. 7:40-50 “... user is given information as to the type, identifier and version number of the desired ...” see also col.7:20-68, block 66 Hit? No, block 72 Search,... block 84 Compatible? No... Done and related text); and

(C) installing the third FPU code in the first field-programmable unit (col. 3:33-38 “... previously installed ...”).

Per claim 46, Sprecher discloses the method of claim 45, wherein the computer system further comprises a plurality of field-programmable units including a corresponding plurality of FPU codes, and wherein the step (A) comprises a step of:

(A) (1) determining whether the first FPU code is compatible with the plurality of FPU codes (col. 7:40-50 "... user is given information as to the type, identifier and version number of the desired ...").

Per claim 47, Sprecher discloses the method of claim 46, wherein the computer system further comprises a plurality of field-replaceable units, and wherein the step (A) further comprises a step of:

(A) (2) determining whether the first FPU code is compatible with the plurality of field-replaceable units (col. 7:40-50 "... user is given information as to the type, identifier and version number of the desired ...").

Per claim 48, Sprecher discloses the method of claim 46, wherein the computer system further comprises a revision compatibility descriptor identifying a plurality of compatible combinations of field-programmable unit codes (e.g. FIG. 5 and related text), and wherein the step (A)(1) comprises a step of determining that the first FPU code is compatible with the plurality of FPU codes if a combination of the first FPU code (col. 49: 25-30 "... determined whether the new hard drive is compatible ...") and the plurality of FPU codes is among the plurality of compatible combinations of field-programmable unit codes identified by the revision compatibility descriptor (e.g. FIG. 3 and related text).

wherein the computer system further comprises a plurality of field-replaceable units and a revision compatibility descriptor identifying a plurality of compatible combinations of field-programmable unit codes and field-replaceable units (e.g. FIG. 3 and related text), and wherein the step (A) comprises a step of determining that the first FPU code is compatible with the computer system if a combination of the first FPU code, the plurality of FPU codes (e.g. FIG. 5 and related text), and the plurality of field-replaceable units is among the plurality of combination combinations of field-programmable unit codes and field-replaceable units identified by the revision compatibility descriptor (col. 7:40-50 "... user is given information as to the type, identifier and version number of the desired ...").

Per claim 50, Sprecher discloses the method of claim 45, wherein the first field-programmable unit comprises a field-replaceable unit (e.g. FIG. 3 and related text).

Per claim 51, Sprecher discloses the method of claim 45, wherein the step (A) is performed in response to installation of the first field-programmable unit in the computer system (e.g. FIG. 5, 92 and related text).

Per claim 52, this is the apparatus version of the claimed method discussed above (Claim 45), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 53, this is the apparatus version of the claimed method discussed above (Claim 46), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 54, this is the apparatus version of the claimed method discussed above (Claim 47), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 55, this is the apparatus version of the claimed method discussed above (Claim 48), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 56, this is the apparatus version of the claimed method discussed above (Claim 49), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 57, this is the storage version of the claimed method discussed above (Claim 45), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 58, this is the storage version of the claimed method discussed above (Claim 46), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 59, this is the storage version of the claimed method discussed above (Claim 47), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 60, this is the storage version of the claimed method discussed above (Claim 48), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 61, this is the storage version of the claimed method discussed above (Claim 49), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 62, this is the computer system version of the claimed method discussed above (Claim 45), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 63, this is the computer system version of the claimed method discussed above (Claim 46), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 64, this is the computer system version of the claimed method discussed above (Claim 47), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 65, this is the computer system version of the claimed method discussed above (Claim 48), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Per claim 66, this is the computer system version of the claimed method discussed above (Claim 49), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Sprecher.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ISAAC T. TECKLU whose telephone number is (571)272-7957. The examiner can normally be reached on M-TH 9:30A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Isaac T Tecklu/
Examiner, Art Unit 2192

/Tuan Q. Dam/
Supervisory Patent Examiner, Art Unit 2192